

## RAW SEQUENCE LISTING

EF3

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/581,613  
Source: 1FWD  
Date Processed by STIC: 3/7/07

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 03/07/2007

PATENT APPLICATION: US/10/581,613

TIME: 12:18:51

Input Set : N:\efs\03\_07\_07\10581613\_efs\seqlistingST25.txt

Output Set: N:\CRF4\03062007\J581613.raw

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3 <110> APPLICANT: Her Majesty the Queen in Right of Canada as Represented by
4     the Minister of Health
6 <120> TITLE OF INVENTION: Anti-SARS Monoclonal Antibodies
8 <130> FILE REFERENCE: 85084-803
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/581,613
C--> 10 <141> CURRENT FILING DATE: 2006-06-05
10 <150> PRIOR APPLICATION NUMBER: US60/526971
11 <151> PRIOR FILING DATE: 2003-12-05
13 <150> PRIOR APPLICATION NUMBER: US60/568225
14 <151> PRIOR FILING DATE: 2004-05-06
16 <160> NUMBER OF SEQ ID NOS: 43
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 133
22 <212> TYPE: PRT
23 <213> ORGANISM: Mus musculus
25 <400> SEQUENCE: 1
27 Glu Val Arg Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala
28 1           5           10           15
31 Ser Val Lys Ile Ser Cys Lys Thr Ser Gly Tyr Thr Phe Thr Glu Tyr
32           20           25           30
35 Thr Met His Trp Val Lys Gln Ser His Gly Lys Asn Leu Glu Trp Ile
36           35           40           45
39 Gly Gly Ile Asn Pro Asn Asn Gly Gly Thr Thr Tyr Asn Gln Lys Phe
40           50           55           60
43 Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn Thr Ala Tyr
44 65           70           75           80
47 Met Glu Leu Arg Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys
48           85           90           95
51 Ser Arg Gly Asp Tyr Gly Thr Ser Tyr Gly Tyr Phe Asp Val Trp Gly
52           100          105          110
55 Ala Gly Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser
56           115          120          125
59 Val Tyr Pro Leu Ala
60           130
63 <210> SEQ ID NO: 2
64 <211> LENGTH: 128
65 <212> TYPE: PRT
66 <213> ORGANISM: Mus musculus
68 <400> SEQUENCE: 2
70 Val Glu Leu Leu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala Ser
71 1           5           10           15
74 Val Lys Met Ser Cys Glu Ala Ser Gly Tyr Thr Phe Thr Thr Tyr Trp

```

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75          20          25          30
78 Met His Trp Ile Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile Gly
79          35          40          45
82 Ala Ile Tyr Pro Gly Asn Ser Asp Thr Thr Tyr Asn Gln Lys Phe Lys
83          50          55          60
86 Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Thr Ser Thr Ala Tyr Met
87 65          70          75          80
90 Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys Thr
91          85          90          95
94 Arg Glu Gly Ile Pro Gln Leu Leu Arg Thr Met Asp Tyr Trp Gly Gln
95          100          105          110
98 Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Pro Pro Ser Val
99          115          120          125
102 <210> SEQ ID NO: 3
103 <211> LENGTH: 127
104 <212> TYPE: PRT
105 <213> ORGANISM: Mus musculus
107 <400> SEQUENCE: 3
109 Val Gln Leu Leu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala Ser
110 1          5          10          15
113 Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Ser Tyr Trp
114          20          25          30
117 Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile Gly
118          35          40          45
121 Ala Ile Tyr Pro Gly Asn Ser Asp Thr Ser Tyr Asn Gln Lys Phe Lys
122          50          55          60
125 Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Ala Ser Thr Ala Tyr Met
126 65          70          75          80
129 Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys Thr
130          85          90          95
133 Arg Ser Val Tyr Tyr Gly Tyr Gly Tyr Phe Asp Val Trp Gly Ala Gly
134          100          105          110
137 Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Pro Pro Ser Val
138          115          120          125
141 <210> SEQ ID NO: 4
142 <211> LENGTH: 226
143 <212> TYPE: PRT
144 <213> ORGANISM: Mus musculus
146 <400> SEQUENCE: 4
148 Glu Val Gln Leu Glu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala
149 1          5          10          15
152 Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Ser Phe Thr Ser Tyr
153          20          25          30
156 Trp Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Asp Trp Ile
157          35          40          45
160 Gly Ala Ile Tyr Pro Glu Asn Ser Asp Thr Ser Tyr Asn Gln Lys Phe
161          50          55          60
164 Lys Gly Lys Ala Lys Leu Thr Ala Val Thr Ser Ala Ser Thr Ala Tyr
165 65          70          75          80

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168 Met Glu His Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys
169      85      90      95
172 Thr Arg Ser Val Tyr Tyr Gly Tyr Gly Tyr Phe Asp Val Trp Gly Ala
173      100      105      110
176 Gly Thr Thr Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser Val
177      115      120      125
180 Tyr Pro Leu Ala Pro Val Cys Gly Asp Thr Thr Gly Ser Ser Val Thr
181      130      135      140
184 Leu Gly Cys Leu Val Lys Gly Tyr Phe Pro Glu Pro Val Thr Leu Thr
185 145      150      155      160
188 Trp Asn Ser Gly Ser Leu Ser Ser Gly Val His Thr Phe Pro Ala Val
189      165      170      175
192 Leu Gln Ser Asp Leu Tyr Thr Leu Ser Ser Ser Val Thr Val Thr Ser
193      180      185      190
196 Ser Thr Trp Pro Ser Gln Ser Ile Thr Cys Asn Val Ala His Pro Ala
197      195      200      205
200 Ser Ser Thr Lys Val Asp Lys Lys Ile Glu Pro Arg Val Pro Thr Ser
201      210      215      220
204 Gln Asn
205 225
208 <210> SEQ ID NO: 5
209 <211> LENGTH: 131
210 <212> TYPE: PRT
211 <213> ORGANISM: Mus musculus
213 <400> SEQUENCE: 5
215 Leu Val Gln Leu Glu Glu Ser Gly Thr Val Leu Pro Arg Pro Gly Ala
216 1      5      10      15
219 Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr
220      20      25      30
223 Trp Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
224      35      40      45
227 Gly Ala Ile Tyr Pro Gly Asn Ser Asp Thr Asn Tyr Asn Gln Lys Phe
228      50      55      60
231 Lys Gly Arg Ala Thr Leu Thr Ala Val Thr Ser Thr Ser Thr Ala Ser
232 65      70      75      80
235 Met Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Tyr Cys
236      85      90      95
239 Thr Arg Asp Gly Tyr Gly Ser Leu Tyr Tyr Tyr Ala Met Asp Phe Trp
240      100      105      110
243 Gly Gln Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro
244      115      120      125
247 Ser Val Lys
248      130
251 <210> SEQ ID NO: 6
252 <211> LENGTH: 133
253 <212> TYPE: PRT
254 <213> ORGANISM: Mus musculus
256 <400> SEQUENCE: 6
258 Glu Val Gln Leu Glu Glu Ser Gly Thr Val Leu Ala Arg Pro Gly Ala

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```

259 1          5          10          15
262 Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Thr Tyr
263          20          25          30
266 Arg Met His Trp Ile Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
267          35          40          45
270 Gly Ala Ile Tyr Pro Gly Asn Ser Asp Thr Thr Tyr Asn Gln Lys Phe
271          50          55          60
274 Lys Asp Lys Ala Lys Leu Thr Ala Val Thr Ser Thr Ser Ser Ala Tyr
275 65          70          75          80
278 Met Glu Leu Ser Ser Leu Thr Asn Glu Asp Ser Ala Val Tyr Phe Cys
279          85          90          95
282 Thr Arg Glu Gly Ile Pro Gln Leu Leu Arg Thr Leu Asp Tyr Trp Gly
283          100         105         110
286 Gln Gly Thr Ser Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser
287          115         120         125
290 Val Tyr Pro Leu Ala
291          130
294 <210> SEQ ID NO: 7
295 <211> LENGTH: 130
296 <212> TYPE: PRT
297 <213> ORGANISM: Mus musculus
299 <400> SEQUENCE: 7
301 Glu Val Gln Leu Glu Glu Ser Gly Pro Gly Leu Val Ala Pro Ser Gln
302 1          5          10          15
305 Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser Leu Thr Asn Tyr
306          20          25          30
309 Asp Ile Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Leu
310          35          40          45
313 Gly Ile Ile Trp Thr Gly Gly Gly Thr Ser Tyr Asn Ser Ala Phe Met
314          50          55          60
317 Ser Arg Leu Ser Ile Ser Lys Asp Asn Ser Lys Ser Gln Val Phe Leu
318 65          70          75          80
321 Lys Met Asn Ser Leu Gln Thr Asp Asp Thr Ala Ile Tyr Tyr Cys Val
322          85          90          95
325 Arg Asp Arg Val Tyr Tyr Phe Pro Met Asp Tyr Trp Gly Gln Gly Thr
326          100         105         110
329 Ser Val Thr Val Ser Ser Ala Lys Thr Thr Ala Pro Ser Val Tyr Pro
330          115         120         125
333 Leu Ala
334          130
337 <210> SEQ ID NO: 8
338 <211> LENGTH: 139
339 <212> TYPE: PRT
340 <213> ORGANISM: Mus musculus
342 <400> SEQUENCE: 8
344 Met Glu Trp Ser Trp Val Phe Leu Phe Leu Val Ala Thr Ala Thr Asp
345 1          5          10          15
348 Val His Ser Gln Val Gln Leu Gln Gln Pro Gly Ala Glu Leu Val Lys
349          20          25          30

```

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352 Pro Gly Ala Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe
353      35                      40                      45
356 Thr Asn Tyr Trp Ile His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu
357      50                      55                      60
360 Glu Trp Ile Gly Glu Ile Asn Pro Gly Asn Gly Arg Thr Asn Tyr Asn
361 65                      70                      75                      80
364 Gly Asn Phe Met Asn Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn
365                      85                      90                      95
368 Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val
369                      100                      105                      110
372 Tyr His Cys Ala Arg Leu Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr
373      115                      120                      125
376 Val Ser Ser Ala Lys Thr Thr Pro Pro Ser Val
377      130                      135
380 <210> SEQ ID NO: 9
381 <211> LENGTH: 123
382 <212> TYPE: PRT
383 <213> ORGANISM: Mus musculus
385 <400> SEQUENCE: 9
387 Val Gln Leu Leu Glu Ser Gly Ala Glu Leu Val Lys Pro Gly Ala Ser
388 1      5                      10                      15
391 Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Ser Tyr Trp
392      20                      25                      30
395 Ile His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile Gly
396      35                      40                      45
399 Glu Ile Asn Pro Ser Asn Gly Arg Thr Asn Tyr Asn Gly Asn Phe Glu
400      50                      55                      60
403 Ser Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Asn Thr Ala Tyr Met
404 65                      70                      75                      80
407 His Leu Ser Ser Leu Thr Tyr Glu Asp Ser Ala Val Tyr His Cys Thr
408      85                      90                      95
411 Arg Leu Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser Ala
412      100                      105                      110
415 Lys Thr Thr Ala Pro Ser Val Tyr Pro Leu Ala
416      115                      120
419 <210> SEQ ID NO: 10
420 <211> LENGTH: 120
421 <212> TYPE: PRT
422 <213> ORGANISM: Mus musculus
424 <400> SEQUENCE: 10
426 Asp Ile Leu Met Thr Gln Ser Pro Thr Ser Phe Ala Val Ser Leu Gly
427 1      5                      10                      15
430 Gln Arg Ala Thr Ile Ser Cys Arg Thr Ser Gln Ser Val Ser Thr Ser
431      20                      25                      30
434 Ser Tyr Ser Tyr Met His Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro
435      35                      40                      45
438 Lys Leu Leu Ile Lys Tyr Ala Ser Asn Leu Glu Ser Gly Val Pro Ala
439      50                      55                      60
442 Arg Phe Ser Gly Ser Gly Ser Gly Ser Asp Phe Thr Leu Asn Ile His

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 03/07/2007  
PATENT APPLICATION:    US/10/581,613      TIME: 12:18:52

Input Set : N:\efs\03\_07\_07\10581613\_efs\seqlistingST25.txt  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:37,38,39,40,41,42,43

VERIFICATION SUMMARY

DATE: 03/07/2007

PATENT APPLICATION: US/10/581,613

TIME: 12:18:52

Input Set : N:\efs\03\_07\_07\10581613\_efs\seqlistingST25.txt

Output Set: N:\CRF4\03062007\J581613.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date